

ABSTRACT

The present invention provides a suction device and a nozzle device, whose structures are simple, which can cause a fluid to be automatically expelled
5 out of a nozzle toward an object by placing the nozzle close to or in contact with the object when conducting suction operation, and which can automatically stop the fluid being ejected out of the nozzle when the nozzle is moved away from the object. The fluid nozzle 12 for expelling the fluid toward the opening of the nozzle is provided inside of the nozzle 11. When the opening 13 of the nozzle 11
10 is unobstructed, the outside air 300 being sucked through the opening 13 into the nozzle 11 overcomes the fluid being expelled out of the fluid nozzle 12, and the fluid together with the outside air 300 can be sucked into the nozzle 11 through its opening 13 without the fluid being ejected out of the nozzle 11. When the amount of the outside air sucked into the nozzle 11 is decreased by placing the
15 opening 13 of the nozzle 11 close to or in contact with the object, the fluid being expelled out of the fluid nozzle 12 overcomes the outside air and thereby the fluid is ejected toward the object, and the fluid that has struck the object can be sucked into the nozzle 11.